

Name _____

Viewer's Concept Guide

Directions: Fill in the blank spaces.

1. The six major climate regions are _____,
_____,
_____ and _____.
2. The five factors that affect climate are _____,
_____, _____ and _____.
3. "Rain shadow" areas are known for their _____ and _____.
4. The principal landform of northwestern Italy is _____.
5. During *El Niño* periods, ocean waters in the South Pacific are _____
than normal.
6. During *La Niña* periods, ocean waters in the South Pacific are _____
than normal.
7. During *El Niño* periods, there are often _____ and _____
in western Pacific regions and _____ in Peru.
8. Some scientists say carbon dioxide is responsible for _____.
9. Four ways climate affects human activities are _____,
_____, _____ and
_____.
10. The major problem with water is that _____.
11. Only _____ percent of the earth's water can be readily used by humans.

Name _____

Post Test: Climate, Water & Living Patterns

Part I

Directions: Place a "T" in the space next to the statement if it is true, and an "F" if it is false.

- ___ 1. Climatologists use weather balloons, stethoscopes and satellites.
- ___ 2. Climatologists often divide the world into six major climate regions.
- ___ 3. Steppe regions often border deserts.
- ___ 4. It rarely snows in continental climate regions.
- ___ 5. Altitude is one factor that does not affect climate.
- ___ 6. The sun's radiant energy is strongest at the North Pole and South Pole.
- ___ 7. Rain shadows may stretch hundreds of miles downwind from mountains.
- ___ 8. St. Louis's weather is moderated by winds that blow off the Atlantic Ocean.
- ___ 9. The ocean water that flows by Great Britain comes from Africa's west coast.
- ___ 10. Droughts appear in western Pacific regions during *El Niño* events.

Part II

Directions: Place the letter of the best definition next to the word.

<u>Word</u>	<u>Definition</u>
1. ___ Doldrums	a. A kind of power generated by using water.
2. ___ Edible	b. Surface features of the earth.
3. ___ Hydroelectric	c. The mass of gases that surround the earth.
4. ___ Topography	d. Cloudy, rainy weather near the equator.
5. ___ Atmosphere	e. Can be eaten.